



Directorate of Medical Materiel

Data Uniformity And Synchronization Initiatives

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Data Uniformity and Synchronization

Broad Goals

- **Improve Federal – Commercial Interoperability**
 - Increase Access to Commercial Products and Capabilities
 - Align Industry Capabilities with Federal Requirements
 - Improve Reliability
 - Exchange Ideas and Needs
 - Develop Electronic Communications Protocols/Standards
 - Promote Adoption of Universal Protocols/Standards

- **Reduce Federal Costs**
 - Share Costs and Rewards with Industry
 - Improve Speed and Accuracy
 - Decrease Product & Admin Costs



Data Uniformity and Synchronization Strategy

- Focus on Key Data Elements and Databases
 - Medical/Surgical Industry Focus
 - Industry Standard Data Templates (PICs)
 - Product Data Utility (Maintenance)
 - Common Manufacturer Name

- Minimize Federal Costs
 - Target Investments
 - Spiral Approach
 - Strategic Partnerships with Cost Sharing



DSCP Data Uniformity and Synchronization Initiatives

- DSCP
 - Prime Vendor Data Sync (SAIC/Profile Systems)
 - Data Standardization Test (DDS)

- DSCP-Industry Effort—CHeS/HCEC
 - Product Data Utility (PDU) Feasibility
 - Standard Data Template (PICs)

- DSCP-Federal Effort
 - Army
 - HIFAC



Prime Vendor Data Sync

- **SAIC/Profile Systems**
 - SAIC—Medical Expertise
 - Profile Systems—Data Sync Expertise
 - Closely Aligned with Army Initiative

- **Proof of Principle**
 - Sync DSCP Medical with Trading Partners
 - Med/Surg Prime Vendors
 - Three Manufacturers via GHX
 - Cardinal Health Care (Owen)
 - Results Due January 31, 2003

- **Issues**
 - Requires Cooperation of Trading Partners
 - High Maintenance
 - Relatively Slow Process



Data Standardization

- Demand Data Systems (DDS)
 - Data Standardization via Rapid Mapping Process
 - Utilizes DDS Product Data Repository of Medical Items
 - Supplied by Manufacturers, GPOs, Prime Vendors, Hospitals, etc.
- Conducted Series of Trials
 - Sample DAPA Data (3,000 plus records)
 - Incomplete Data Sets from Customers (100 plus records)
 - Med/Surg Products (800 plus records)
 - Results Encouraging
 - Rapid Turnaround—Electronic Matches
 - 80 to 99% Completion of Data Sets

➤ Issues



Data Uniformity and Synchronization Coalition for Healthcare e- Standards (CHeS)

- Purpose—Promote Uniform Industry Data Standards for Supply Chain e-Commerce
- Core Members
 - GPO's—Premier, Novation, Amerinet, DSCP & Consorta
 - e-Commerce—GHX (Medibuy) & Neoforma
- Affiliate Members—AFGA, Becton Dickinson, Cap Gemini, Ernst & Young, Cardinal, Ensurg Corps, McKesson, Medbuy, Medical Data Institute, HPIS, Paddock Labs Inc., Peoplesoft Inc., St. Francis Medical Center, W.L. Gore & Associates and VHA



CHeS Guiding Principles

- Promote & Implement Information

Standards

- USE EDI
- Reduce Cost
- Increase Efficiency
- Communicate Value Proposition
- Enlist Support



Health Identification Number (HIN)

- HIBCC Established/Maintained
- 9 Digit Alpha-Numeric
- Every Healthcare Facility in US as well as
Departments
Within Facility
- Key to Pricing for GPOs
- Healthcare Specific
- Pilot Planned
- CHeS Assessing Alternatives to HIN
 - UCC's GLN
 - DUNs—New Federal Standard



Pharmacy eStandards Committee

- Identify Standards Available
- Survey Industry for Needs
- Dialog w/FDA on NCD
- Class of Trade
- Not Much Action To Date



Universal Product Number (UPN)

- Effort to Come to One Standard Item Number for
Med/Surg Items—Like NDC for Pharmaceuticals
- Primary Packaging Identifier
- Incorporate Bar Code Formats
- Improves Product Data Synchronization
Between
Hospitals and Suppliers
- Reduces the Need for Cross-Reference
Tables/Databases
- Education/Encourage Use



Product Data Utility (PDU) Feasibility Committee

- Response to HCEC's CostCap Initiative
 - Narrow Focus to Accommodate all Supply Chain Participants
 - Initially
 - PDU Value Team
 - PDU Definition Team
 - PDU Due Diligence Team
 - Report Due to Board at April Meeting



Standard Product Taxonomy & Classification

United Nations Standard Products & Services Code (UNSPSC)

- Accomplished Major Rewrite in Two Segments
 - Updated Segment 41 (Lab) Published in UNSPSC Version 5.0415, April 15, 2002
 - Updated Segment 42 (Med/Surg) Published in UNSPC Version 5.0301, March 1, 2002
- Current Plans to Educate & Promote UNSPSC Within Healthcare Industry